Junji Fukuda

List of Publications by Year
in descending order

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Version: 2024-02-01

146 papers	4,675 citations	116194 36 h-index	124990 64 g-index
147 all docs	147 docs citations	147 times ranked	6190 citing authors

#	Article	IF	Citations
1	Bioprinting of hair follicle germs for hair regenerative medicine. Acta Biomaterialia, 2023, 165, 50-59.	4.1	15
2	Integrated fibroblast growth factor signal disruptions in human iPS cells for prediction of teratogenic toxicity of chemicals. Journal of Bioscience and Bioengineering, 2022, 133, 291-291.	1.1	3
3	Electrical stimulation to human dermal papilla cells for hair regenerative medicine. Journal of Bioscience and Bioengineering, 2022, 133, 281-290.	1.1	10
4	Direct Wiring of Liquid Metal on an Ultrasoft Substrate Using a Polyvinyl Alcohol Lift-off Method. ACS Applied Materials & Interfaces, 2022, 14, 7241-7251.	4.0	10
5	Establishment of a developmental toxicity assay based on human iPSC reporter to detect FGF signal disruption. IScience, 2022, 25, 103770.	1.9	4
6	Effects of the PI3K/Akt signaling pathway on the hair inductivity of human dermal papilla cells in hair beads. Journal of Bioscience and Bioengineering, 2022, 134, 55-61.	1.1	15
7	Luciferase assay system to monitor fibroblast growth factor signal disruption in human iPSCs. STAR Protocols, 2022, 3, 101439.	0.5	1
8	Co-Culture of THP-1 Cells and Normal Human Epidermal Keratinocytes (NHEK) for Modified Human Cell Line Activation Test (h-CLAT). Applied Sciences (Switzerland), 2022, 12, 6207.	1.3	1
9	Cell-repellent polyampholyte for conformal coating on microstructures. Scientific Reports, 2022, 12, .	1.6	0
10	The Effect of Neddylation Blockade on Slug-Dependent Cancer Cell Migration Is Regulated by p53 Mutation Status. Cancers, 2021, 13, 531.	1.7	8
11	Metastasis-on-a-chip reveals adipocyte-derived lipids trigger cancer cell migration via HIF-1Î± activation in cancer cells. Biomaterials, 2021, 269, 120622.	5.7	21
12	Redox Polymers for Tissue Engineering. Frontiers in Medical Technology, 2021, 3, 669763.	1.3	3
13	3D-Printed Micro-Tweezers with a Compliant Mechanism Designed Using Topology Optimization. Micromachines, 2021, 12, 579.	1.4	13
14	Impact of adipose-derived stem cells on engineering hair follicle germ-like tissue grafts for hair regenerative medicine. Journal of Bioscience and Bioengineering, 2021, 131, 679-685.	1.1	14
15	Hair follicle germs containing vascular endothelial cells for hair regenerative medicine. Scientific Reports, 2021, 11, 624.	1.6	27
16	Tumor-intrinsic FABP5 is a novel driver for colon cancer cell growth via the HIF-1 signaling pathway. Cancer Genetics, 2021, 258-259, 151-156.	0.2	10
17	Deep neural network for the determination of transformed foci in Bhas 42 cell transformation assay. Scientific Reports, 2021, 11, 23344.	1.6	2
18	Exploring the operating factors controlling Kouleothrix (type 1851), the dominant filamentous bacterial population, in a full-scale A2O plant. Scientific Reports, 2020, 10, 6809.	1.6	16

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19	Effects of platelet-rich plasma on inÂvitro hair follicle germ preparation for hair regenerative medicine. Journal of Bioscience and Bioengineering, 2020, 130, 666-671.	1.1	16
20	Fatty-acid-induced FABP5/HIF-1 reprograms lipid metabolism and enhances the proliferation of liver cancer cells. Communications Biology, 2020, 3, 638.	2.0	91
21	Additive Manufacturing of Micromanipulator Mounted on a Glass Capillary for Biological Applications. Micromachines, 2020, 11, 174.	1.4	12
22	Engineering of perfusable double-layered vascular structures using contraction of spheroid-embedded hydrogel and electrochemical cell detachment. Journal of Bioscience and Bioengineering, 2019, 127, 114-120.	1.1	4
23	Tailored cell sheet engineering using microstereolithography and electrochemical cell transfer. Scientific Reports, 2019, 9, 10415.	1.6	22
24	Preparation of hair beads and hair follicle germs for regenerative medicine. Biomaterials, 2019, 212, 55-63.	5.7	54
25	Vascularized Bone-Mimetic Hydrogel Constructs by 3D Bioprinting to Promote Osteogenesis and Angiogenesis. International Journal of Molecular Sciences, 2019, 20, 1096.	1.8	106
26	Investigation of prospective factors that control Kouleothrix (Type 1851) filamentous bacterial abundance and their correlation with sludge settleability in full-scale wastewater treatment plants. Chemical Engineering Research and Design, 2019, 124, 137-142.	2.7	19
27	Synergic effects of oxygen supply and antioxidants on pancreatic Î²-cell spheroids. Scientific Reports, 2019, 9, 1802.	1.6	17
28	Research in Biocompatible Electroless Gold Plating. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2019, 70, 461-465.	0.1	1
29	Gold cleaning methods for preparation of cell culture surfaces for self-assembled monolayers of zwitterionic oligopeptides. Journal of Bioscience and Bioengineering, 2018, 125, 606-612.	1.1	10
30	Injectable Hydrogel with Slow Degradability Composed of Gelatin and Hyaluronic Acid Cross-Linked by Schiffâ€™s Base Formation. Biomacromolecules, 2018, 19, 288-297.	2.6	163
31	Electrochemical microdevices for rapid and on-site determination of the minimum inhibitory concentration of antibiotics. Analyst, The, 2018, 143, 396-399.	1.7	7
32	Spontaneous hair follicle germ (HFG) formation inÂvitro, enabling the large-scale production of HFGs for regenerative medicine. Biomaterials, 2018, 154, 291-300.	5.7	52
33	Fluorescent ternary complexes of some biogenic amines and their metabolites with europium and oxytetracycline for applications in the chemical analysis. Mendeleev Communications, 2018, 28, 553-555.	0.6	2
34	Catch-and-Release of Target Cells Using Aptamer-Conjugated Electroactive Zwitterionic Oligopeptide SAM. Scientific Reports, 2017, 7, 43375.	1.6	8
35	Quantification of Chloroflexi Eikelboom morphotype 1851 for prediction and control of bulking events in municipal activated sludge plants in Japan. Applied Microbiology and Biotechnology, 2017, 101, 3861-3869.	1.7	25
36	Microstructure and coercivity in La-coated Nd2Fe14B thin films. AIP Advances, 2017, 7, 035301.	0.6	2

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37	Effects of different carbon sources on enhanced biological phosphorus removal and â€œCandidatus Accumulibacterâ€•community composition under continuous aerobic condition. Applied Microbiology and Biotechnology, 2017, 101, 8607-8619.	1.7	11
38	Flatbed epi relief-contrast cellular monitoring system for stable cell culture. Scientific Reports, 2017, 7, 1897.	1.6	6
39	Herringbone-like hydrodynamic structures in microchannels: A CFD model to evaluate the enhancement of surface binding. Medical Engineering and Physics, 2017, 48, 62-67.	0.8	1
40	Design of Self-Assembled Monolayer and Its Application to Regenerative Medicine. Trends in the Sciences, 2017, 22, 3_46-3_53.	0.0	0
41	In Situ Cross-Linkable Gelatin-CMC Hydrogels Designed for Rapid Engineering of Perfusable Vasculatures. ACS Biomaterials Science and Engineering, 2016, 2, 1059-1066.	2.6	44
42	Engineering thick cell sheets by electrochemical desorption of oligopeptides on membrane substrates. Regenerative Therapy, 2016, 3, 24-31.	1.4	39
43	Rational Design of Prevascularized Large 3D Tissue Constructs Using Computational Simulations and Biofabrication of Geometrically Controlled Microvessels. Advanced Healthcare Materials, 2016, 5, 1617-1626.	3.9	26
44	Comparisons of cell culture medium using distribution of morphological features in microdevice. Journal of Bioscience and Bioengineering, 2016, 121, 117-123.	1.1	7
45	Acceleration of Vascular Sprouting from Fabricated Perfusable Vascular-Like Structures. PLoS ONE, 2015, 10, e0123735.	1.1	39
46	Cell Detachment for Engineering Three-Dimensional Tissues. , 2015, , 213-222.		0
47	Reâ€appraisal of the phylogeny and fluorescence in situ hybridization probes for the analysis of the <scp>C</scp>ompetibacteraceae in wastewater treatment systems. Environmental Microbiology Reports, 2015, 7, 166-174.	1.0	28
48	Engineering a vascularized collagen-Î²-tricalcium phosphate graft using an electrochemical approach. Acta Biomaterialia, 2015, 11, 449-458.	4.1	48
49	Rapid engineering of endothelial cell-lined vascular-like structures in in situ crosslinkable hydrogels. Biofabrication, 2014, 6, 025006.	3.7	43
50	Fluorescence in situ hybridization probes targeting members of the phylum <scp>C</scp>andidatusâ€¦<scp>S</scp>accharibacteria falsely target <scp>E</scp>ikelboom type 1851 filaments and other <scp>C</scp>hloroflexi members. Environmental Microbiology Reports, 2014, 6, 611-617.	1.0	11
51	Reverse transfection in microchamber arrays for cell migration assays. Sensors and Actuators B: Chemical, 2014, 190, 896-899.	4.0	5
52	Tissue engineering based on electrochemical desorption of an RGD-containing oligopeptide. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 236-243.	1.3	23
53	Sensitive and selective detection of superoxide secreted from neutrophils based on one-electrode redox reactions. , 2013, , .		0
54	A microfluidic microbial culture device for rapid determination of the minimum inhibitory concentration of antibiotics. Analyst, The, 2013, 138, 1000.	1.7	30

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55	Development of super-dense transfected cell microarrays generated by piezoelectric inkjet printing. Lab on A Chip, 2013, 13, 77-80.	3.1	31
56	Cell-Adhesive and Cell-Repulsive Zwitterionic Oligopeptides for Micropatterning and Rapid Electrochemical Detachment of Cells. Tissue Engineering - Part A, 2013, 19, 290-298.	1.6	36
57	Fabrication of perfusable vasculatures by using micromolding and electrochemical cell transfer. , 2013, 2013, 6655-8.		1
58	Processing of nanolitre liquid plugs for microfluidic cell-based assays. Science and Technology of Advanced Materials, 2012, 13, 064201.	2.8	2
59	Electrochemical microdevice for the determination of the minimum inhibitory concentration of antibiotics. , 2012, , .		3
60	1ï¼Žãƒ‡ã‚¸ã‚¿ãƒ«ãƒžã‚¤ã‚¯ãƒãƒ•ãƒ«ãƒ¼ã‚¤ãƒ‡ã‚£ãƒƒã‚¯ã‚¹ã•é«˜æ„Ÿåº¦é»æ°—åŒ–å¦åˆ†æž• Electrochemistry, 2012, 80, 424-428.	0.0	0
61	An oxygen-permeable spheroid culture system for the prevention of central hypoxia and necrosis of spheroids. Biomaterials, 2012, 33, 8430-8441.	5.7	189
62	On-chip diagnosis of subclinical mastitis in cows by electrochemical measurement of neutrophil activity in milk. Lab on A Chip, 2012, 12, 1309.	3.1	20
63	Electrochemical Desorption of Self-assembled Monolayers and Its Application for Regenerative Medicine. Membrane, 2012, 37, 113-118.	0.0	0
64	Electrochemical Microdevices for Point-of-Care Testing. IEEJ Transactions on Sensors and Micromachines, 2012, 132, 371-376.	0.0	0
65	Drug-Eluting Microarrays for Cell-Based Screening of Chemical-Induced Apoptosis. Analytical Chemistry, 2011, 83, 4118-4125.	3.2	53
66	Gold-black micropillar electrodes for microfluidic ELISA of bone metabolic markers. Analyst, The, 2011, 136, 456-458.	1.7	10
67	Spatio-temporal detachment of single cells using microarrayed transparent electrodes. Biomaterials, 2011, 32, 6663-6669.	5.7	28
68	SAM-based cell transfer to photopatterned hydrogels for microengineering vascular-like structures. Biomaterials, 2011, 32, 7479-7490.	5.7	103
69	Directed assembly of cellâ€laden microgels for building porous threeâ€dimensional tissue constructs. Journal of Biomedical Materials Research - Part A, 2011, 97A, 93-102.	2.1	56
70	Synergistic effects of micro/nano modifications on electrodes for microfluidic electrochemical ELISA. Sensors and Actuators B: Chemical, 2011, 156, 637-644.	4.0	17
71	Hepatocyte spheroid arrays inside microwells connected with microchannels. Biomicrofluidics, 2011, 5, 22205.	1.2	44
72	Programable microfluidic processor with pumping and coulometric detecting functions. , 2011, , .		1

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73	Electrical detachment of cells for engineering capillary-like structures in a photocrosslinkable hydrogel. , 2011, 2011, 2451-4.		2
74	Continuous Monitoring of Ammonia Removal Activity and Observation of Morphology of Microbial Complexes in a Microdevice. Applied and Environmental Microbiology, 2011, 77, 4253-4255.	1.4	17
75	Diagnostic device for cow mastitis based on the detection of superoxide secreted from neutrophils. , 2011, , .		1
76	Rapid Diagnostic Device for Subclinical Mastitis Based on Electrochemical Detection of Superoxide Produced from Neutrophils in Fresh Milk. IEEJ Transactions on Sensors and Micromachines, 2011, 131, 218-222.	0.0	4
77	ã‚ã‚ªãƒ³é›»æ¥µã®å¾®å°åŒ–ã¨ãã®ãƒžã‚¯ãƒãƒ‡ãƒã‚¤ã‚¹ã¸ã®å¿œç”¨. Electrochemistry, 2010, 78, 692-697.	0.6	0
78	Alkoxyresorufin O-dealkylase assay using a rat hepatocyte spheroid microarray. Journal of Bioscience and Bioengineering, 2010, 109, 395-399.	1.1	18
79	Bacterial growth monitoring in a microfluidic device by confocal reflection microscopy. Journal of Bioscience and Bioengineering, 2010, 110, 130-133.	1.1	20
80	Cell micropatterning inside a microchannel and assays under a stable concentration gradient. Journal of Bioscience and Bioengineering, 2010, 110, 230-237.	1.1	13
81	Monitoring biofilm development in a microfluidic device using modified confocal reflection microscopy. Journal of Bioscience and Bioengineering, 2010, 110, 377-380.	1.1	54
82	Preparation of arrays of cell spheroids and spheroid-monolayer cocultures within a microfluidic device. Journal of Bioscience and Bioengineering, 2010, 110, 572-576.	1.1	52
83	Automatic electrochemical sequential processing in a microsystem for urea detection. Sensors and Actuators B: Chemical, 2010, 144, 146-152.	4.0	11
84	Three-dimensional cell culture device utilizing thin membrane deformation by decompression. Sensors and Actuators B: Chemical, 2010, 147, 376-379.	4.0	54
85	Fabrication of patterned cell co-cultures on albumin-based substrate: Applications for microfluidic devices. Acta Biomaterialia, 2010, 6, 526-533.	4.1	20
86	Engineering of capillary-like structures in tissue constructs by electrochemical detachment of cells. Biomaterials, 2010, 31, 2209-2215.	5.7	65
87	Directed assembly of cell-laden hydrogels for engineering functional tissues. Organogenesis, 2010, 6, 234-244.	0.4	70
88	Coulometric Detection of Components in Liquid Plugs by Microfabricated Flow Channel and Electrode Structures. Analytical Chemistry, 2010, 82, 8725-8732.	3.2	47
89	Programmed autonomous valve operation based on electrowetting on composite single electrodes. , 2010, , .		0
90	Electrochemical microsystem for continuous monitoring of nitrification activity of microbial complexes. , 2010, , .		0

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91	Improvement of detection sensitivity using electrodes with micropillar structures. , 2009, , .		2
92	Chemically actuated microinjectors and programming with a microfluidic network. , 2009, , .		2
93	Towards microsystems for automatic acquisition of in vivo gastrointestinal information. Journal of Applied Physics, 2009, 105, 102013.	1.1	4
94	Miniaturized reference electrode with a negative feedback function for potential stabilization. , 2009, , .		0
95	Rapid Measurement and Prediction of Bacterial Contamination in Milk Using an Oxygen Electrode. Foodborne Pathogens and Disease, 2009, 6, 187-192.	0.8	3
96	Rapid diagnostic device for mastitis based on electrochemical detection of superoxide produced from neutrophils in fresh milk. , 2009, , .		0
97	Automatic processing of solutions for chemical analyses using an electrowetting-based valve and an integrated cell. , 2009, , .		0
98	Autonomous microfluidic transport using electrowetting-based valves and integrated cells. Applied Physics Letters, 2009, 95, .	1.5	11
99	Preparation of coculture system with three extracellular matrices using capillary force lithography and layer-by-layer deposition. Journal of Bioscience and Bioengineering, 2009, 108, 544-550.	1.1	23
100	Electrowetting-based pH- and biomolecule-responsive valves and pH filters. Biosensors and Bioelectronics, 2009, 24, 2171-2176.	5.3	20
101	Biochip with integrated pumps for plug-based sequential exchange of solutions. Sensors and Actuators B: Chemical, 2009, 140, 649-655.	4.0	11
102	Electrochemical desorption of self-assembled monolayers for engineering cellular tissues. Biomaterials, 2009, 30, 3573-3579.	5.7	143
103	On-chip culturing of hepatocytes and monitoring their ammoniametabolism. Lab on A Chip, 2009, 9, 35-37.	3.1	28
104	Automatic on-chip sequential processing for bio-microsystems. , 2009, , .		0
105	Coulometric detection of an analyte in a liquid plug formed in a microflow channel. , 2009, , .		0
106	Microanalysis system with automatic valve operation, pH regulation, and detection functions. Sensors and Actuators B: Chemical, 2008, 132, 614-622.	4.0	16
107	Automatic Electrochemical Micro-pH-Stat for Biomicrosystems. Analytical Chemistry, 2008, 80, 905-914.	3.2	28
108	Microprocessing of Liquid Plugs for Bio/chemical Analyses. Analytical Chemistry, 2008, 80, 6206-6213.	3.2	45

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109	Electrochemical pH-responsive valve for automatic sampling. , 2008, , .		0
110	Electrowetting on gold electrodes with microscopic three-dimensional structures for microfluidic devices. Journal of Applied Physics, 2008, 104, 064910.	1.1	13
111	Microanalysis System Based on Electrochemiluminescence with Automatic Mixing and pH-Regulation Functions. , 2007, , .		0
112	Micro Analysis System for Digestive Enzymes Based on Integrated Automatic pH-Stats. , 2007, , .		1
113	Microfluidic Device for On-Chip Manipulation of Liquid Plugs for Biosensing Applications. , 2007, , .		1
114	Controlling size, shape and homogeneity of embryoid bodies using poly(ethylene glycol) microwells. Lab on A Chip, 2007, 7, 786.	3.1	344
115	Enzyme electrode formed by evaporative concentration and its performance characterization. Biosensors and Bioelectronics, 2007, 22, 3154-3160.	5.3	9
116	Electrochemical immunoassay on a microfluidic device with sequential injection and flushing functions. Biosensors and Bioelectronics, 2007, 22, 3167-3173.	5.3	48
117	On-chip handling of solutions and electrochemiluminescence detection of amino acids. Sensors and Actuators B: Chemical, 2007, 122, 542-548.	4.0	36
118	Electrochemical microsystem with porous matrix packed-beds for enzyme analysis. Sensors and Actuators B: Chemical, 2007, 124, 477-485.	4.0	23
119	Freeze-Dried Matrix as an Alternative to Solution Mixing for Enzyme Analysis in a Micro Flow Channel. , 2006, , .		0
120	On-Chip pH-Regulator and its Application to Bio/Chemical Sensing. , 2006, , .		0
121	Novel hepatocyte culture system developed using microfabrication and collagen/polyethylene glycol microcontact printing. Biomaterials, 2006, 27, 1061-1070.	5.7	161
122	Galactose-PEG dual conjugation of Î²-(1â†'3)-d-glucan schizophyllan for antisense oligonucleotides delivery to enhance the cellular uptakeâ˜†. Biomaterials, 2006, 27, 1626-1635.	5.7	31
123	Micromolding of photocrosslinkable chitosan hydrogel for spheroid microarray and co-cultures. Biomaterials, 2006, 27, 5259-5267.	5.7	309
124	Micropatterned cell co-cultures using layer-by-layer deposition of extracellular matrix components. Biomaterials, 2006, 27, 1479-1486.	5.7	220
125	Co-culture of human embryonic stem cells with murine embryonic fibroblasts on microwell-patterned substrates. Biomaterials, 2006, 27, 5968-5977.	5.7	198
126	Hepatocyte spheroid formation on a titanium dioxide gel surface and hepatocyte long-term culture. Journal of Materials Science: Materials in Medicine, 2006, 17, 359-364.	1.7	23

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127	Micromolding of photocrosslinkable hyaluronic acid for cell encapsulation and entrapment. Journal of Biomedical Materials Research - Part A, 2006, 79A, 522-532.	2.1	203
128	Hepatocyte spheroid culture on a polydimethylsiloxane chip having microcavities. Journal of Biomaterials Science, Polymer Edition, 2006, 17, 859-873.	1.9	49
129	Interplay of biomaterials and micro-scale technologies for advancing biomedical applications. Journal of Biomaterials Science, Polymer Edition, 2006, 17, 1221-1240.	1.9	39
130	Differentiation Effects by the Combination of Spheroid Formation and Sodium Butyrate Treatment in Human Hepatoblastoma Cell Line (Hep G2): A Possible Cell Source for Hybrid Artificial Liver. Cell Transplantation, 2005, 14, 819-827.	1.2	20
131	Orderly Arrangement of Hepatocyte Spheroids on a Microfabricated Chip. Tissue Engineering, 2005, 11, 1254-1262.	4.9	125
132	cDNA Microarray Analysis in Hepatocyte Differentiation in Huh 7 Cells. Cell Transplantation, 2004, 13, 793-800.	1.2	25
133	Hepatocyte Organoid Culture in Elliptic Hollow Fibers to Develop a Hybrid Artificial Liver. International Journal of Artificial Organs, 2004, 27, 1091-1099.	0.7	30
134	Efficacy of a Larger Version of the Hybrid Artificial Liver Support System Using a Polyurethane Foam/Spheroid Packed-Bed Module in a Warm Ischemic Liver Failure Pig Model for Preclinical Experiments. Cell Transplantation, 2003, 12, 101-107.	1.2	19
135	Efficacy of a Polyurethane Foam/Spheroid Artificial Liver by Using Human Hepatoblastoma Cell Line (Hep G2). Cell Transplantation, 2003, 12, 51-58.	1.2	54
136	High Metabolic Function of Primary Human and Porcine Hepatocytes in a Polyurethane Foam/Spheroid Culture System in Plasma from Patients with Fulminant Hepatic Failure. Cell Transplantation, 2002, 11, 379-384.	1.2	18
137	Development of a Hybrid Artificial Liver Using Polyurethane Foam / Hepatocyte Spheroid Culture in a Preclinical Pig Experiment. International Journal of Artificial Organs, 2002, 25, 51-60.	0.7	43
138	Development of a hybrid artificial liver using polyurethane foam/hepatocyte spheroid for clinical trial. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2002, 2002.14, 25-26.	0.0	0
139	Mass Preparation of Primary Porcine Hepatocytes and the Design of a Hybrid Artificial Liver Module using Spheroid Culture for a Clinical Trial. International Journal of Artificial Organs, 2001, 24, 799-806.	0.7	22
140	The Efficacy of Nafamostat Mesilate on the Performance of a Hybrid-artificial Liver using a Polyurethane foam/porcine Hepatocyte Spheroid Culture System in Human Plasma. International Journal of Artificial Organs, 2001, 24, 34-40.	0.7	12
141	Polyurethane Foam/Spheroid Culture System Using Human Hepatoblastoma Cell Line (Hep G2) as a Possible New Hybrid Artificial Liver. Cell Transplantation, 2001, 10, 717-722.	1.2	43
142	Identification of Principal Constituents in Enzymatically Hydrolyzed Coix Extract.. Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan, 2001, 42, 309-315.	0.1	2
143	Mass preparation of primary porcine hepatocytes and the design of a hybrid artificial liver module using spheroid culture for a clinical trial. International Journal of Artificial Organs, 2001, 24, 799-806.	0.7	14
144	Development of a hybrid artificial liver support system and preclinical animal experiments. Journal of Artificial Organs, 2000, 3, 112-116.	0.4	2

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145	PRECLINICAL ANIMAL EXPERIMENT OF A HYBRID ARTIFICIAL LIVER. ASAIO Journal, 1999, 45, 201.	0.9	6
146	Development of hybrid artificial liver support system using spheroid culture and application to warm ischemic liver failure in dog and pig as a preclinical test. Materials Science and Engineering C, 1998, 6, 245-248.	3.8	9